



PATENT
Attorney Docket No. P1881USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#8

In re Application of:

Tortelier et al.

Art Unit: 2121

Application No. 10/070,854

Examiner: Unassigned

Filed: March 8, 2002

For: METHOD OF DECODING AND OF JOINT
EQUALIZATION OF A DIGITAL SIGNAL
PROTECTED BY A CODE DEFINED BY A
TRELLIS

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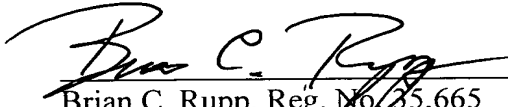
COMMUNICATION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Please find enclosed a Revocation of Former Powers of Attorney and New Power of Attorney by Assignee of Entire Interest with respect to the above-referenced patent application. Also enclosed is a copy of the Assignment previously filed in the present application.

Respectfully submitted,


Brian C. Rupp, Reg. No. 35,665
GARDNER CARTON & DOUGLAS
Quaker Tower, Suite 3400
321 N. North Clark Street
Chicago, Illinois 60610
Telephone: (312) 644-3000
Facsimile: (312) 644-3381

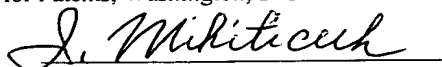
Date: October 24, 2002

CERTIFICATE OF MAILING

I hereby certify that this COMMUNICATION (along with any documents referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date:

October 24, 2002



CH02/22212977.1



PATENT
Attorney Docket No. 099141/2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION OF
FORMER POWERS OF ATTORNEY AND
NEW POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

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Commissioner for Patents
Washington, D.C. 20231

Sir:

France Telecom (hereinafter the "assignee") is the assignee of record of the entire interest of the U.S. patent applications identified in Schedule A, attached hereto, and has a place of business at 6 place d'Alleray, F-75015, Paris, France.

Pursuant to 37 CFR 3.73(b), the undersigned has reviewed evidentiary documents establishing a chain of title from the inventor(s) to the assignee and, to the best of the undersigned's knowledge and belief, certifies that title in all U.S. patent applications identified in Schedule A is in the assignee.

The assignee hereby revokes all previously given powers of attorney and appoints the following as its attorneys to prosecute and transact all business in the U.S. Patent and Trademark Office connected with the applications identified in Schedule A, including the following: to receive all documents issued by the U.S. Patent and Trademark Office based thereon; to file continuation, continuation-in-part and divisional applications based thereon; to pay any and all fees, including maintenance fees for any resulting patent; and to file for reissues and extensions and to request reexamination of any resulting patent. All such powers are to be exercised separately or collectively.

Please recognize Gardner, Carton & Douglas as Attorneys in this case: Customer Number 08968.

08968



08968

PATENT TRADEMARK OFFICE

Attorney Docket No. 099141/2003

The assignee requests that correspondence concerning the applications identified in Schedule A be directed to Gardner, Carton & Douglas: Customer Number 08968.

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The assignee also requests that all telephone calls be directed to Brian C. Rupp at (312) 644-3000.

Date: 10/01/2002



Signature

Typed or printed name of person authorized to sign on behalf of Assignee

Didier LEMOINE

Corporate Patents Manager

Title

CH02/22205056.1

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SCHEDULE A

Attachment to Revocation of Former Powers of Attorney and New Power of Attorney by Assignee of Entire Interest

Attorney Docket No.	Application No.	Filing Date	Inventors	Title	Assignee	Date Assignment Recorded	Reel/Frame
P1865USA	09/202,726	05/24/1999	Gilloire, et al.	Method for Cancelling Multi-Channel Acoustic Echo and Multi-Channel Acoustic Echo Canceller	France Telecom	06/07/1999	010000/0071
P1866USA	09/445,164	02/28/2000	Verrier, et al.	A Dynamic Channel Allocation Method in a Cellular Radiocommunication Network	France Telecom	03/13/2000	010701/0393
P1867USA	09/493,583	01/28/2000	Duret, et al.	A Method of Associating Forwarding References With Data Packets by Means of a Trie Memory and a Packet Router Applying This Method	France Telecom	04/28/2000	010778/0425
P1868USA	09/528,952	03/20/2000	Scalart, et al.	Adaptive Identification Method and Device, and Adaptive Echo Canceller Implementing Such Method	France Telecom	06/20/2000	010931/0619
P1869USA	09/544,535	04/06/2000	Vergez, et al.	Method of Simulating the Non-Linear Propagation of an Acoustic Wave, in Particular in a Resonator	France Telecom	08/03/2000	011029/0087
P1870USA	09/580,471	05/26/2000	Delesalle, et al.	Interface Device Between an ATM Equipment and a Transmission Channel Having a Synchronous Wireless Link	France Telecom	09/08/2000	011076/0812
P1871USA	09/584,224	05/31/2000	Tortelier	A Method of Detecting, Blind, the Coding Mode Used for Digital Data	France Telecom	09/08/2000	011092/0290



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Attorney Docket No.	Application No.	Filing Date	Inventors	Title	Assignee	Date Assignment Recorded	Reel/Frame
P1872USA	09/636,237	08/10/2000	Berthel, et al.	Method and System of Iteratively Detecting and Decoding Received Symbols, Coupled with a Re-Estimation of the Coefficients of the Transmission Channel	France Telecom	11/13/2000	011249/0062
P1873USA	09/717,735	11/21/2000	Dugeon, et al.	Method of Transmitting Data Flows Over an ATM Network and Device for Implementing the Method	France Telecom	03/05/2001	011584/0083
P1874USA	09/743,153	07/09/2001	Mereau, et al.	Mobile Network System for Temporary Connection to a Fixed Information System	France Telecom	07/09/2001	011961/0152
P1875USA	09/810,590	03/16/2001	Le Lay, et al.	Method and Server for Accessing a Digital Network and System Comprising Such a Server	France Telecom	06/18/2001	011909/0004
P1876USA	09/838,466	04/19/2001	Bonjour, et al.	Process for Testing a Switching System, and Insertion Device Usable in This Process	France Telecom	06/25/2001	011926/0660
P1877USA	09/857,339	07/16/2001	Wipliez, et al.	A Protocol for Launching a Software Application Remotely and for Reserving Network Resources with Quality of Service	France Telecom	02/13/2002	012619/0335
P1878USA	09/868,731	09/14/2001	Remacl	Addressing Method and Name and Address Server in a Digital Network	France Telecom	09/14/2001	012167/0974
P1879USA	09/958,531	10/11/2001	Martiniere	System Assisting Electronic Commerce	France Telecom	Requested	Not yet known
P1880USA	09/979,294	11/20/2001	Calvez	Adaptive Man/Machine Interface	France Telecom	05/20/2002	012911/0361
P1881USA	10/070,854	03/08/2002	Tortelier, et al.	Method of Decoding and of Joint Equalization of a Digital Signal Protected by a Code Defined by a Trellis	France Telecom	Requested	Not yet known



22

Attorney Docket No.	Application No.	Filing Date	Inventors	Title	Assignee	Date Assignment Recorded	Reel/Frame
P1882USA	10/075,721	02/14/2002	Berthet, et al.	Method and System of Iterative Coding/Decoding of Digital Data Streams Coded by Spatio-Temporal Combinations, in Multiple Transmission and Reception	France Telecom	Requested	Not yet known
P1883USA	10/082,647	02/22/2002	Paul, et al.	Method for Configuring a Trie Memory for the Processing of Data Packets, and Packet-Processing Device Implementing Such a Method	France Telecom	Requested	Not yet known

CH02/22207592.1

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Didier LEMOYNE

Corporate Patents Manager
10/01/2002





Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Patrick Tortelier
Raphael Visoz

Additional name(s) of conveying party(ies)
attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 19, 2002

2. Name and address of receiving party(ies)

Name: France Telecom

Internal Address: 6, Place d'Alleray

Street Address:

City: Paris

Country: France

Zip: 75015

Additional name(s) &
address(es) attached:

☐ Yes ☒ No

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):

10/070,854

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas A. Miller
MARSHALL, GERSTEIN & BORUN

Internal Address: Atty. Dkt.: 28944/38284

Street Address:
233 S. Wacker Drive, Suite 6300
Sears Tower

City:
Chicago

State:
IL

Zip:
60606-6357

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

☐ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

13-2855

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas A. Miller - 40,091
Name of Person Signing

Signature

August 2, 2002
Date

Total number of pages including cover sheet, attachments, and documents: 2

ASSIGNMENT

Serial No: 10/070,854Filed: March 8, 2002Title: Method of decoding and of joint equalization of a digital signal protected by a code defined by a trellis.

For _____, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign(s) to FRANCE TELECOM 6, Place d'Alleray 75015 PARIS FRANCE (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on 2/15/02 & 2/19/02 and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize(s) and request(s) the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant(s) themselves (himself/herself) to be the owners (owner) of the interest herein assigned and to have the right to make this assignment and further warrant(s) that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my (our) hand(s) this X day of 19/02, 2002.

Witnesses:

1) [Signature]
Name: YuanPatrick TORTELIER X [Signature]Raphaël VISOZ X [Signature]2) [Signature]
Name: CLESIENNE

2121



**CERTIFICATE OF MAILING
UNDER 37 CFR 1.8**

Date of Deposit: October 24, 2002

I hereby certify that the following COMMUNICATION along with its enclosures is being deposited with the United States Postal Services with sufficient postage as first class mail on the date indicated above, addressed to:

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Title: METHOD OF DECODING AND OF JOINT EQUALIZATION OF A
DIGITAL SIGNAL PROTECTED BY A CODE DEFINED BY A
TRELLIS

Inventor(s): Tortelier et al.

Application No.: 10/070,854

Filed: March 8, 2002

Enclosed:

1. Transmittal Form (1 pg)
2. Communication with Certificate of Mailing (1 pg)
3. Revocation of Former Powers of Attorney and New Power of Attorney by Assignee of Entire Interest (2 pgs)
4. Schedule A: Attachment to Revocation of Former Powers of Attorney and New Power of Attorney by Assignee of Entire Interest (3 pgs)
5. Copies of Recordation Form Cover Sheet and Executed Assignment from Patrick Tortelier and Raphael Visoz to France Telecom (2 pgs)
6. Return postcard

Irina L. Mikitiouk
Typed or Printed Name

I. Mikitiouk
Signature

Attorney Docket No. **P1881USA**
Client No. 084526-1881
CH02/22212979.1

O.I.P.E. JC184
OCT 31 2002
PATENT & TRADEMARK OFFICE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/070,854
		Filing Date	March 8, 2002
		First Named Inventor	Patrick TORTELIER
		Group Art Unit	2121
		Examiner Name	Unassigned
Total Number of Pages in This Submission	10	Attorney Docket Number	P1881USA

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Revocation of Former Powers of Attorney and New Power of Attorney by Assignee of Entire Interest <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): <div>Schedule A; Communication; Copies of Recordation Form Cover Sheet and Assignment; Certificate of Mailing under 37 CFR 1.8; Postcard</div>
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brian C. Rupp, Reg. No. 35,665 Gardner Carton & Douglas		
Signature			
Date	October 24, 2002		

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date <u>October 24, 2002</u>			
Typed or printed name	Irina L. Mikitiouk		
Signature		Date	October 24, 2002

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CH02/22212978.1